

SPECIFICATION

The request has been made for applicant to delete reference to “SEQ ID NO. 1”, “SEQ ID NO. 2”, and “SEQ ID NO. 3” in favor of another means to identify the peptides to comply with all rules and procedures regarding short peptide sequences. Applicant agrees, and requests the following amendments be made to Table 1 in Paragraph [0022] and text in [0024]:

[0022]

Table 1

	Peptide Dosage (mg / mouse)	Number of animal (n)	Serum Triclyceride (mg / 100 ml)	% Decrease
Distilled Water Only	-	5	92.2 ± 15.7	-
Olive Oil Only	-	24	376.2 ± 23.8	-
<u>Reverse Inverso</u> <u>Polypeptide 1</u> SEQ ID No. 1 (D-Pro D-Tyr D-Val D-Val C-NH ₂)	1.0	14	313.7 ± 45.9	22.0 %
Ref. Peptide 1 (L-Val L-Val L-Tyr L-Pro)	1.0	7	244.7 ± 25.5	46.3%
<u>Reverse Inverso</u> <u>Polypeptide 2</u> SEQ ID No. 2 (D-Pro D-Tyr D-Val C-NH ₂)	1.0	7	231.8 ± 27.6	50.8 %
Ref. Peptide 2 (L-Val L-Tyr L-Pro)	1.0	14	407.7 ± 42.0	0 %
<u>Retro Inverso</u> <u>Polypeptide 3</u> SEQ ID No. 3 (D-Leu D-Thr D-Val C-NH ₂)	1.0	7	294.6 ± 33.8	28.7 %
Ref. Peptide 3 (L-Val L-Thr L-Leu)	1.0	14	352.7 ± 35.6	8.3 %

[0024] As shown in Table 1, Retro Inverso Polypeptide 1~~SEQ ID NO. 2~~ and Retro Inverso Polypeptide 3~~SEQ ID NO. 3~~ display higher activities in lowering elevated serum triglyceride levels than Reference 2 and 3, respectively. Retro Inverso Polypeptide 1~~SEQ ID NO. 1~~, although less active than Reference Peptide 0.1, nevertheless exhibits demonstrable serum triglyceride lowering activity, its activity being about half of Reference Peptide 1. In general, it can be shown that for the three cases, there exist at least 20% or greater statistically significant decrease in serum triglyceride levels, and for the cases of tripeptides, the retro-inverso compounds substantially exceed the activity of the corresponding natural oligo-peptides.